PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents,

P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/618,090

Confirmation No. : 3808

Applicants: Mark A. Moehring, Joseph H. Farnsworth, Ajay Philip Zachariah and

Henry James Baron, Jr.

Filed

: July 10, 2003

Attorney Docket No.: 33354

Art Unit

: 3737

Customer No.

: 27,076

Examiner: Not Yet Assigned

Title

: DOPPLER ULTRASOUND METHOD AND APPARATUS FOR MONITORING

BLOOD FLOW AND HEMODYNAMICS

PRELIMINARY AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Remarks begin on page 7 of this paper.

		Complete if Known
	Application No.	10/618,090
DESC TRANSMITTAL CHEET	Filing Date	July 10, 2003
ဂ် P ESE TRANSMITTAL SHEET	First Named Invent	or Mark A. Moehring
JUL 1 5 2004 00)	Group Art Unit	3737
	Examiner	Not Yet Assigned
Transalaria	Atty. Docket Number	er 33354
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)
The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account	3. ADDITIONAL FEI Large Entity Sm	nall Entity
No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP	Code (\$) Co	ode (\$) Fee Description Fee pa 65 Surcharge - Late filing fee or oath
2. [X] Check Enclosed	1051 130 20	Surcharge - late provisional filing fee
FEE CALCULATION	1053 130 10	or cover sheet
1. BASIC FILING FEE		12 2,520 For Filing a Request for ex parte Reexamination
Large Entity Small Entity Fee	1804 920 180	Description of SID pring
Code (\$) Fee Description	1805 1,840 180	Requesting publication of SIR after
1001 770 2001 385 [] Utility Filing Fee	1251 110 22	51 55 Extension for reply within first month
1002 340 2002 170 [] Design Filing Fee	1252 420 22	52 210 Extension for reply within 2 nd month
1003 530 2003 265 [] Plant Filing Fee	1253 950 225	
1004 770 2004 385 Reissue Filing Fee	1254 1,480 229	· · · · · · · · · · · · · · · · · · ·
	1255 2,010 225 1401 330 240	
Subtotal (1) \$ <u>0</u>	1401 330 240	
EXTRA CLAIM FEES Current Claims Prior Extra Fee Fee Paid	1403 290 246	46
Total - 20 = x \$ = \$	1814 110 28	14 55 Terminal Disclaimer Fee
Ind 3 = x \$ = \$	1452 110 24	52 55 Petition to revive – unavoidable
Multiple Dependent Claims x \$ = \$	1453 1,330 249	53 665 Petition to revive – unintentional
Subtotal (2) <u>\$ 0</u>	1501 1,330 250	01 665 Utility/Reissue issue fee
Large Entity Small Entity	1502 480 250	02 240 Design issue fee
Fee Fee Fee Fee Fee Description	1503 640 250	######################################
Code (\$) Code (\$) Code (\$) Code (\$	1460 130 146	
1201 86 2201 43 Independent claims in excess of 3	1807 50 180	
1203 290 2203 145 Multiple dependent Claim	1806 180 180	Recording each patent assignment
1204 86 2204 43 Reissue independent claims over original patent	8021 40 802	properties)
18 2205 9 Reissue claims in excess of 20 and over original patent	1801 770 280	385 Request for Continued Examination (RCE)
	Other fee (specify)	Subtotal (3)
		Total Amount of Payment:\$
Submitted by:		
Name: Kimton N. Eng Reg. No.: 43,605		Telephone: (206) 903-8800

Signature: h:\tip\documents\clients\spencer technologies\33354us\33354us fee\trens sheet prel am.doc
The PTO did not receive the following

Date:

listed item(s)_____